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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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06-20-01 A

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 31]  
(preferred arrangement set forth below)
 

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Pages 2]
 

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	98-058/1D
First Inventor	Kunal Taravade et al.
Title	Confinement Device for Use in Dry Etching of Substrate Surface and Method of Dry Etching a Wafer Surface.
Express Mail Label No.	EL 643644905 US

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15.  Certified Copy of Priority Document(s) (If foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 09 228,906

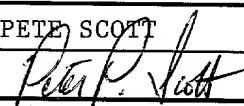
Prior application information.

Examiner Alva Powell

Group Art Unit 1763

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
Name	PETE SCOTT			
Address	LSI LOGIC CORPORATION			
	1551 McCarthy Blvd., MS D-106			
City	Milpitas	State	CA	Zip Code 95035
Country	USA	Telephone	408/433-8708	Fax 408/433-7460
Name (Print/Type)	PETE SCOTT	Registration No. (Attorney/Agent)	33,279	
Signature			Date	7 June 2001

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

jc970 U.S. PTO  
06/18/01  
09/04/805

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06/18/01

**FEE TRANSMITTAL**

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** **\$944**

Complete if Known	
Application Number	09/228,906
Filing Date	
First Named Inventor	Kunal Taravade
Group Art Unit	1763
Examiner Name	Alva Powell
Attorney Docket No.	SYM/LSI-105A / 98-058/1D

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number **12-2252**Deposit Account Number **LSI LOGIC CORPORATION**

Charge Any Additional Fee required Under 37 C.F.R. 1.18 at the Mailing of the Notice of

Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

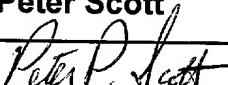
2.  Payment Enclosed:

Check  Money Order  Other

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Entity Fee (\$)	Large Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
Total claim	33	-20**=	13	X \$18 = <b>234.00</b>	
Independent Claims		-3**=	0	X \$78 = <b>\$0.00</b>	
Multiple Dependent				\$260 = <b>\$0.00</b>	
<b>SUBTOTAL (1) \$710</b>					
<b>2. EXTRA CLAIM FEES</b>					
	Extra Claim	Fee from	Fee Paid		
Total claim	33	-20**=	13	X \$18 = <b>234.00</b>	
Independent Claims		-3**=	0	X \$78 = <b>\$0.00</b>	
Multiple Dependent				\$260 = <b>\$0.00</b>	
**or number previously paid, if greater; For Reissues, see below					
Large Entity Fee Code (\$)	Entity Fee (\$)	Large Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	78	202	39	Independent claims in excess of 3	
104	260	204	130	Multiple dependent claim, if not paid	
109	78	209	39	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) \$234</b>					
*Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3) \$0</b>					

**SUBMITTED BY****Complete (if applicable)**

Typed or printed name	<b>Peter Scott</b>			Reg. Number	<b>33,279</b>
Signature				Date	7 June 2001
	Deposit Account User ID				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Assistant Commissioner for Patents, Washington, DC 20231.

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Application of :

Charles W. Jurgensen et. al.

Serial No.: 09/228,906

Group Art Un 1763

Filed: January 11, 1999

Examiner: Powell, Alva

For: Confinement Device for Use in Dry Etching of Substrate Surface and Method of Dry Etching a Wafer Surface

Atty Docket: SYM/LSI-105A / 98-058

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as ~~Express~~ First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231, on the date indicated below:  
EL 643644905US

Maria Kovacs

June 18, 2001  
Date

Maria Kovacs  
Signature

## CERTIFICATION UNDER 37 C.F.R. 3.73(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir/Madam:  
LSI Logic Corporation, a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application.

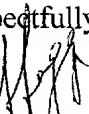
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LSI Logic Corporation  
1551 McCarthy Blvd., MS D-106  
Milipitas, CA 95035  
(408) 433-8708

Date: 6/13/01

Respectfully submitted,  
  
Sandeep Jaggi  
Chief IP Counsel  
Corporate Assistant Secretary  
LSI LOGIC CORPORATION